

VOICE TRAFFIC THROUGH A FIREWALL

David Cornelius

Edwin J. Basart

5 ABSTRACT OF THE DISCLOSURE

A new method to limit the number of holes a system administrator must open in a firewall for internet telephony. The number of holes in the firewall for telephony is limited to a first hole used for call control and a second hole used for audio traffic. Fixed destination ports for telephony traffic and call control traffics are created at a destination. Media streams are received at the telephony fixed destination port. The source of each media stream is commanded to provide a unique identifier for each media stream arriving at the destination from each source. Each media stream is identified by a unique identifier provided by the source. The unique identifier for each media stream is communicated to the destination by each source over call control. All telephony traffic is received only at the fixed destination port for telephony and all call control is received only at the fixed destination port for call control. The use of fixed destination ports for all audio traffic and all call control traffic allows the number of firewalls in a system to be kept to a minimum.